



Service Bulletin

TECHNICAL

Subject: No Heat and/or Cooling, Temperature Control Setting Does Not Match What is Selected on Heater and Air Conditioning Remote Control

Brand:	Model:	Model Year:		Vehicle Build Dates:		Engine:	Transmission:
		from	to	from	prior to		
Chevrolet	Bolt EV	2017	2017	SOP	January 31, 2017		
Opel	Ampere-e	2017	2017				

Involved Region or Country	North America, Korea
Condition	Some customers may comment on one or more of the following conditions: • No heat • No cooling • Temperature setting when selected on controls is not correct. The Technician may find one or more DTCs set: • B0173 • B0178

Cause	 This condition may be caused by the duct temperature sensor wire harness pinched between the HVAC case module assembly and the tie bar.
Correction	Inspect and repair any damaged wiring and relocate the harness towards the bottom of the tie bar so the harness does not get pinched.

Parts Information

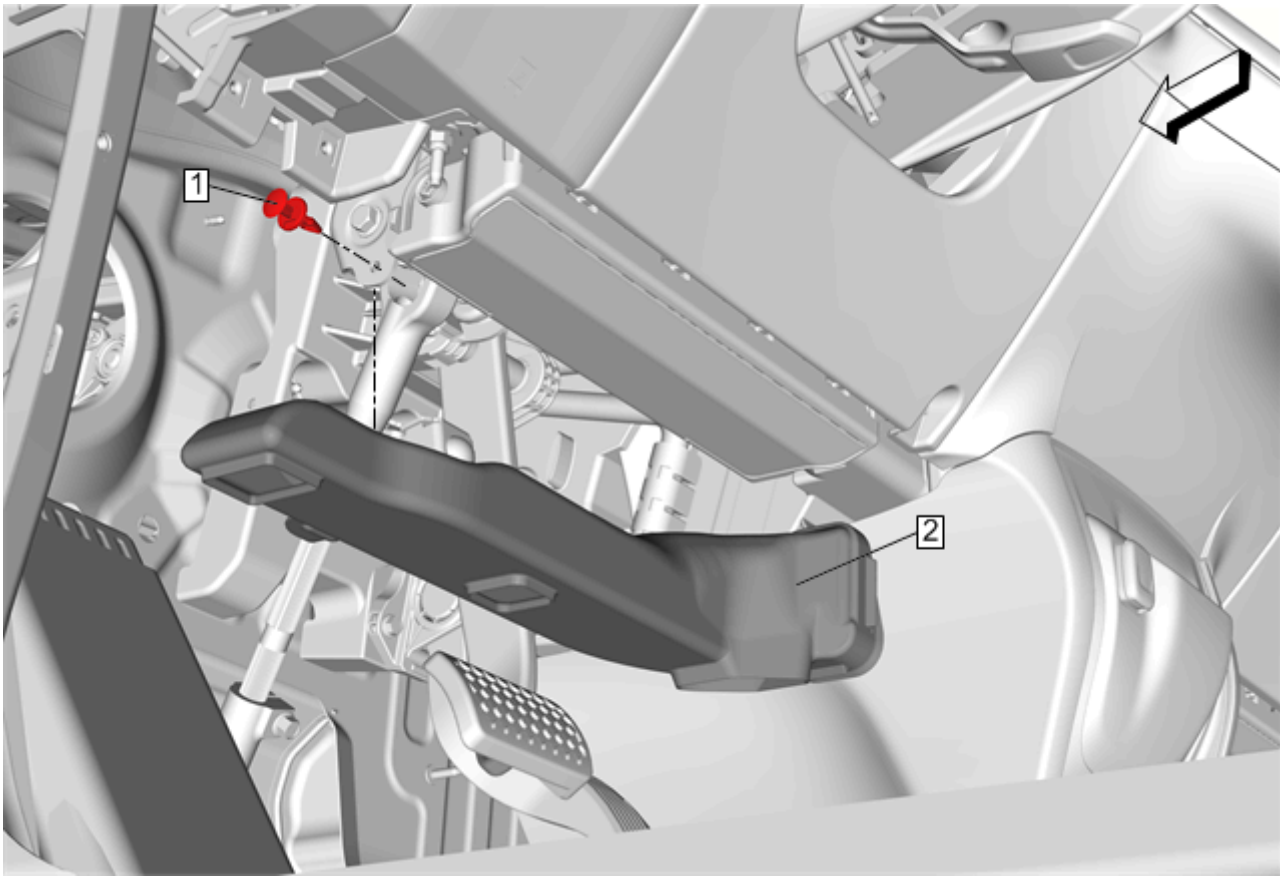
No parts are required for this repair.

Warranty Information

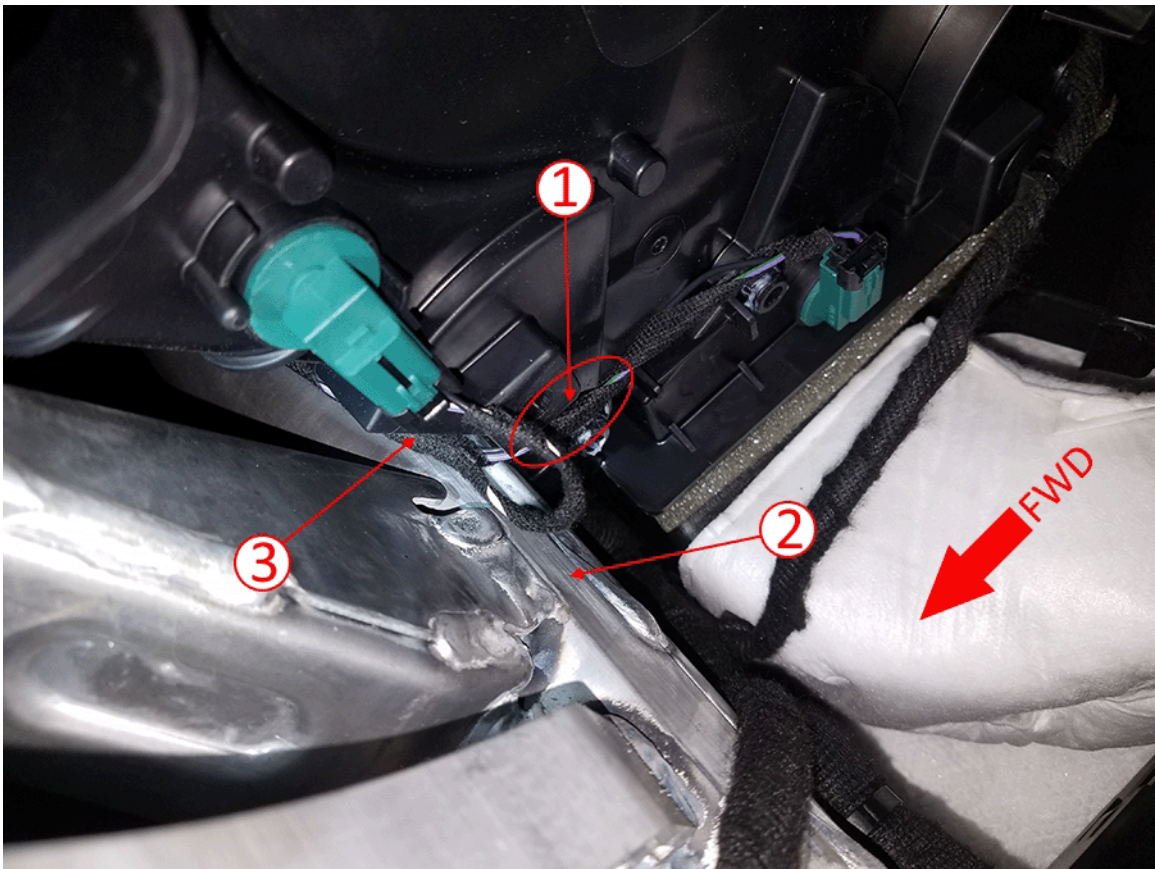
Labor Operation	Description	Labor Time
5480458*	Inspect the Duct Temperature Sensors Wiring Harness	0.3 hr
Add	Instrument Panel Removal and Wiring Harness Repair	3.7 hrs

*This is a unique Labor Operation for Bulletin use only.

Service Procedure

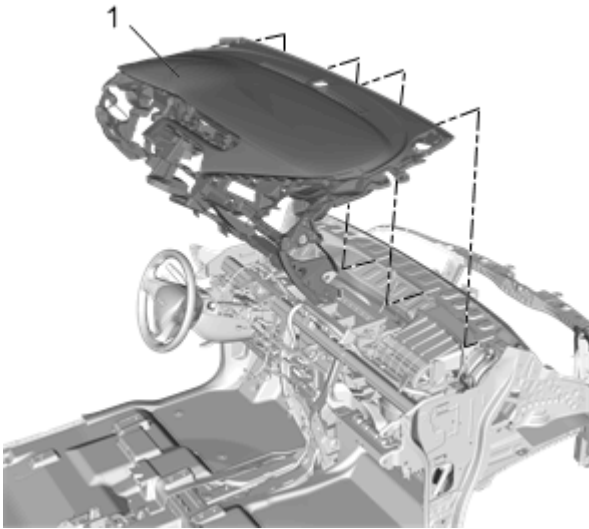


1. Remove the front driver side floor outlet duct (2). Refer to *Floor Front Air Outlet Duct Replacement - Left Side* in SI.

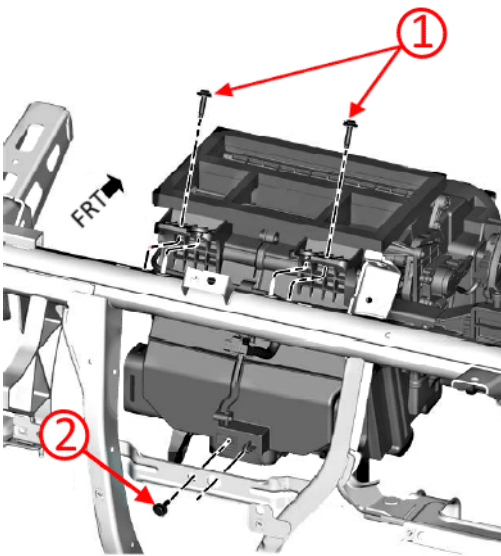


2. While looking upwards at the duct temperature sensor wiring harness, grab the harness (3) and check for movement between the tie bar (2) and the HVAC housing.

- If the wiring is moving freely from the tie bar and routed properly (1), **Do Not** proceed with this procedure and refer to SI for further diagnostics.
- If the wiring is pinched between the tie bar and HVAC housing, proceed with this procedure.

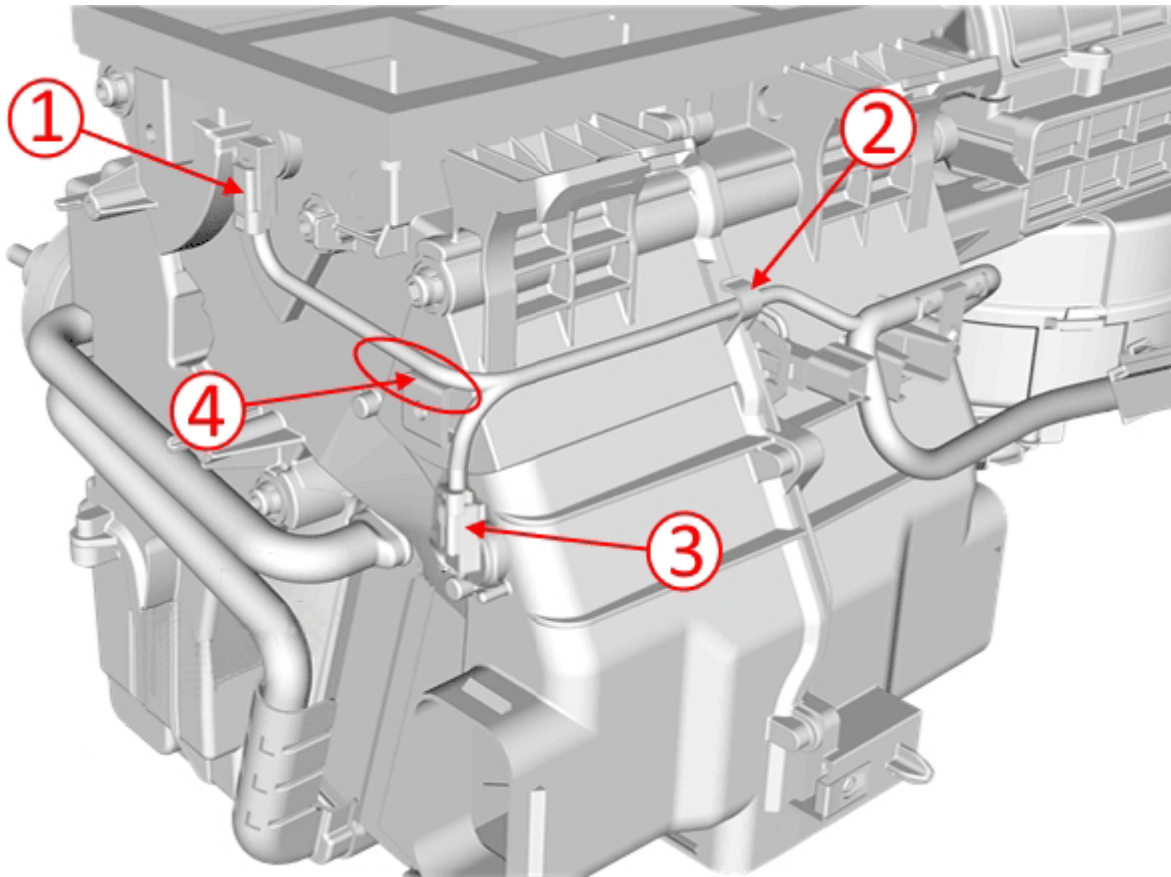


3. Remove the instrument panel assembly (1). Refer to *Instrument Panel Assembly Replacement* in SI.



4. Remove the upper (1) and lower (2) fasteners that secure the heater and air conditioning evaporator case to the tie bar.
5. If necessary, loosen the tie bar. Refer to *Instrument Panel Tie Bar Replacement* in SI.

Note: Tie bar removed for clarity.



6. Disconnect the upper (1) and lower (3) air duct temperature sensor wiring harness connectors.
7. Inspect the wiring harness (4) for signs of damage.
8. Repair the wiring harness as needed. Refer to *Wire-to-Wire Repair* in SI.
9. Using Woven Polyester Electrical Tape (PET), tape the harness ensuring that the tape is applied in a double layer extending along the harness past the contact points.
10. Route the wiring harness under the tie bar.
 - Validate the harness is routed through the retainer (2).
11. Connect the upper and lower air duct temperature sensors electrical connectors.
12. Install the upper and lower heater and air conditioning evaporator case fasteners.
13. Install the instrument panel assembly.

Version	2
Modified	May 2, 2017 - Added a Vehicle Build Date.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from this information.



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